

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (currently amended) A bearing for articulating first second and third ~~between~~ components on a boom of a construction machine, comprising:, ~~particularly on a boom on excavators, loaders, cranes, and related equipment, comprising a first component articulated to a second component by the bearing and in which a third component acts on the bearing, wherein:~~

a pin having an ~~of constant~~ external diameter extending ~~extends~~ in the direction of a swiveling axis of the bearing and ~~is borne in a bearing tube having an internal and external diameter, the pin having outer ends protruding from the ends of the bearing tube;~~ wherein the external diameter of the bearing tube is considerably greater than the external diameter of the pin;

the first component and the second component are borne alongside each other on the external diameter of the bearing tube; and

the third component transmits a force to the pin and is borne on one or both the outer protruding ends of the pin, the third component is rotatable with respect to the pin and the first and second components.

2. (original) The bearing of claim 1, wherein: the first component has two bearing points located on a mid part of the bearing tube and the second component has two bearing points located alongside the two bearing points of the first component.

3. (canceled) The bearing of claim 1, wherein: the bearing points of the first and second components are fitted with guide bushes.

4. (original) The bearing of claim 2, wherein: the bearing points of the first and second components are fitted with guide bushes.

5. (currently amended) The bearing of claim 1, wherein a mid part of the pin has a slightly smaller external diameter than the outer ends of the pin, ~~internal diameter of the bearing tube~~.

6. (new) A construction machine comprising:

a first boom component, rotatably mounted to a frame of the machine;

a second boom component, articulated to the second end of a first boom component by a bearing;

the bearing having a bearing tube having an internal and external diameter; a pin of constant external diameter extending in the direction of a swiveling axis of the bearing and borne in a bearing tube, wherein the pin having outer ends protruding from the ends of the bearing tube; a third component borne on at least one outer end of the pin,

the external diameter of the bearing tube is greater than the external diameter of the pin; and

the first component and the second component are borne alongside each other on the external diameter of the bearing tube

the third component transmits a force to the pin and is rotatable with respect to the pin and the first and second boom components.

7. (new) The construction machine of claim 6, further comprising: a first set of bearing points on the first boom component located in contact with the middle of the bearing tube; a second set of bearing points of the second boom component located immediately outside of adjacent to the bearing points of the first boom component, wherein the bearing points of both the first and second boom component can slide on the external diameter of the bearing tube.

8. (new) The construction machine of claim 7 wherein, the bearing points of the first and second components are fitted with guide bushings.

9. (new) The construction machine of claim 6 wherein, the second boom component is inserted over the first boom component.
10. (new) The construction machine of claim 6 wherein, the third component is an adjustment cylinder.
11. (new) The construction machine of claim 6, wherein an external diameter of a mid-section of the pin is less than an external diameter at either end of the pin.
12. (new) The construction machine of claim 6, wherein a ring having a locking connector is inserted over both ends of the pin and maintains the axial alignment of the components located therebetween.